

**LISTING OF CLAIMS:**

Claim 1. (currently amended): A potato plant or part derived thereof having at least one *amf*-gene said potato plant or part further provided with an increased capacity to store a protein as characterized by a protein content of its tubers of at least 1.9% m/m<sub>5</sub>

Claim 2. (currently amended): A potato ~~plant part~~ or part according to claim 1 characterized by a protein content in said tubers of at least 2.3% m/m.

Claim 3. (original): A potato according to claim 2 characterized by a protein content in said tubers of at least 2.7% m/m.

Claim 4. (currently amended): A potato according to claim 1 ~~anyone of claims 1 to 3~~ characterized in that it is an amylose-free potato.

Claim 5. (currently amended): A potato according to claim 1 ~~anyone of claims 1 to 4~~ characterized in that its tubers essentially show a coagulating protein versus starch ratio of at least 45 kg/ton.

Claim 6. (original): A potato according to claim 5 showing a coagulating protein versus starch ratio of at least 90 kg/ton.

Claim 7. (currently amended): A potato according to claim 1 ~~anyone of claims 1 to 6~~ characterized in that it is a transgenic potato.

Claim 8. (original): A potato according to claim 7 comprising a heterologous protein.

Claim 9. (original): A potato according to claim 8 wherein said heterologous protein comprises a protein listed in table 4.

Claim 10. (original): A method for breeding and selecting a potato comprising crossing a first parent potato with at least one *amf*-gene with a second parent potato without an *amf*-gene and selecting progeny by testing it for the presence of at least one *amf*-gene and testing it for

protein content and selecting progeny with at least one *amf*-gene with a protein content higher than detected in said first parent or said second parent.

Claim 11. (original): A method according to claim 10 further comprising testing for protein content by determining protein content of its tubers or root caps.

Claim 12. (currently amended): A method according to claim 10 ~~claims 10 or 11~~ further comprising selecting progeny homozygous for the *amf*-gene

Claim 13. (currently amended): A potato plant or part derived thereof selected with a method according to claim 10 ~~anyone of claims 10 or 12~~.

Claim 14. (original): Use of a potato plant or part derived thereof having at least one *amf*-allele in a breeding and selection programme directed at providing potatoes with an increased protein content.